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PTO/SB/21 (08-00)

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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Applicati n Number	10/086,335	
	Filing Date	Mar 1, 2002	
	First Named Inventor	Fayad Sheabar	
	Group Art Unit	1646	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	39	Attorney Docket Number	4532670/59100

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ENCLOSURES (check all that apply)

Fee Transmittal Form	Assignment Papers <i>(for an Application)</i>	After Allowance Communication to Group
Fee Attached	Drawing(s)	Appeal Communication to Board of Appeals and Interferences
Amendment / Reply	Licensing-related Papers	Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
After Final	Petition	Proprietary Information
Affidavits/declaration(s)	Petition to Convert to a Provisional Application	Status Letter
Extension of Time Request	Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Other Enclosure(s) <i>(please identify below):</i>
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<input checked="" type="checkbox"/> Information Disclosure Statement	Request for Refund	
Certified Copy of Priority Document(s)	CD, Number of CD(s)	
Response to Missing Parts/ Incomplete Application	Remarks	
Response to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Jill M. Altringer, Esq.
Signature	
Date	September 9, 2002

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231 on this date: <u>September 9, 2002</u>			
Type or printed name	Kristen T. McKern		
Signature		Date	September 9, 2002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Fayad Sheabar

Serial No.: 10/086,335

Filed: 3/1/2002

Title: Process for Binding Carotenoids to
Proteins and the Products Thereof

Attorney Docket No.: 4532670/59100

Commissioner for Patents
Washington, D.C. 20231

Group Art Unit: 1646
Examiner: To be assigned

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INFORMATION DISCLOSURE STATEMENT

Dear Sir:

This Information Disclosure Statement is submitted:

- ☒ under 37 CFR 1.97(b), or
(Within three months of filing national application; or date of entry of international application; or before mailing date of first office action on the merits; whichever occurs last)
- ☐ under 37 CFR 1.97(c) together with either a:
☐ Statement under 37 CFR 1.97(e), or
☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with a:
☐ Statement under 37 CFR 1.97(e), and
☐ a \$180.00 fee set forth in 37 CFR 1.17(p).
(Filed after final action or notice of allowance, whichever occurs first, but before payment of the issue fee)

☒ Applicant(s) submit herewith Form PTO 1449-Information Disclosure Citation together with copies, of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.

The relevance of the attached references is that this is the closest art of which Applicant is aware.

Applicant submits that the above references taken alone or in combination neither anticipate nor render obvious the present invention. Consideration of the foregoing in relation to this application is respectfully requested.

It is requested that the information disclosed herein be made of record in this application.

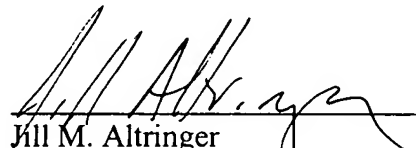
Respectfully submitted,

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Date of Deposit: September 9, 2002

Typed Name: Kristen T. McKern

Signature: Kristen T. McKern


Jill M. Altringer
Attorney/Agent for Applicant(s)
Reg. No. 51397

Date: September 9, 2002

Telephone No.: 515-288-2500

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Substitut for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Applicati n Number	10/086,335
				Filing Date	03-01-2002
				First Named Inventor	Fayad Sheabar
				Group Art Unit	
				Examiner Name	
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		SEDDON ET AL., <u>J. Amer. Med. Assoc.</u> , 1994, 272(18): p.1413-1420.	
		HARMSSEN, P.F.H., ET AL., "Microencapsulation of carotene by supercritical CO ₂ ", 2001, <u>IFSCC Magazine</u> , 4: p.34-36.	
		JOUNI, ZEINAB E. AND WELLS, MICHAEL A., "Purification and Partial Characterization of a Lutein-binding Protein from the Midgut of the Silkworm <i>Bombyx mori</i> ", <u>The Journal of Biological Chemistry</u> , Issue 25: p.14722-14726.	
		YEMELYANOV, ALEXANDER YU, KATZ, NIKITA B., AND BERNSTEIN, PAUL S., "Ligand-Binding Characterization of Xanthophyll Carotenoids to Solubilized Membrane Proteins Derived from Human Retina", <u>Exp. Eye Res.</u> , 2001, Academic Press.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

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